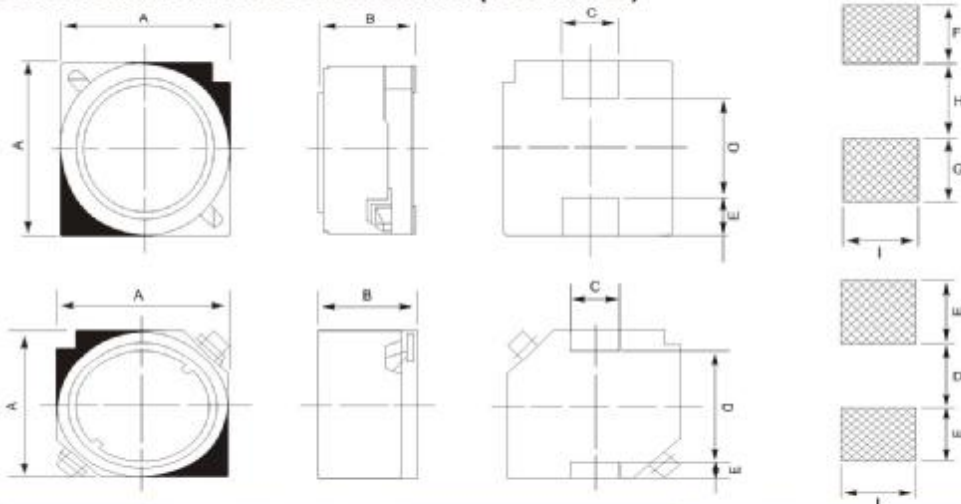


# BF Series

## Dimensions and Land Patterns. (UNIT: mm)



Applications:  
Ideal use in variety of DC-DC converter inductor applications. Mobile Phone, DSC, DVC, PDA, MP3, LCD panel.

TYPE	A(max)	B(max)	C	D	E
BF6028	6.20	3.00	2.00	3.00	1.50
BF7025	7.20	2.80	2.00	4.00	1.50
BF7032	7.20	3.40	2.00	4.00	1.50
BF7045	7.20	4.80	2.00	4.00	2.00
BF1045	10.40	4.80	3.00	6.00	2.00

## SMD POWER INDUCTORS

TYPE: BF6028, BF7025, BF7032, BF7045, BF1045

Parts No.	L (H)	BF6028		BF7025		BF7032		BF7045		BF1045	
		D.C.R(Ω) MAX.	Rated Current (A)	D.C.R(Ω) MAX.	Rated Current (A)	D.C.R(Ω) MAX.	Rated Current (A)	D.C.R(Ω) MAX.	Rated Current (A)	D.C.R(Ω) MAX.	Rated Current (A)
1R0	1.0u	18m	2.50	17m	2.60	13.00m	3.15	15n	3.00	13n	4.20
1R5	1.5u	21m	2.00	22m	2.50	17.00m	2.88	16n	2.60	15n	4.00
3R3	3.3u	29m	1.60	35m	1.70	33m	2.50	22n	2.30	20n	3.50
3R9	3.9u	34m	1.38	40m	1.50	38m	2.30	28n	2.20	26n	3.30
4R7	4.7u	42m	1.30	46m	1.30	47.00m	2.00	33n	2.00	30n	3.20
5R6	5.6u	49m	1.10	52m	1.20	50.00	1.90	40n	1.90	39n	3.00
6R8	6.8u	65m	1.00	60m	1.10	57.00m	1.80	45n	1.80	41n	2.80
100	10u	94m	810m	90m	1.05	69.00m	1.35	52n	1.70	47n	2.50
150	15u	124m	700m	146m	780m	101.00m	1.10	70n	1.40	62n	2.20
220	22u	182m	550m	179m	630m	156.00m	900m	86n	1.20	76.8n	1.90
270	27u	213m	500m	231m	580m	182.00m	850m	111n	1.10	87n	1.80
330	33u	254m	450m	273m	520m	208.00m	750m	125n	1.03	105n	1.70
390	39u	296m	400m	309m	480m	234.00m	680m	137n	930n	120n	1.60
470	47u	338m	350m	364m	460m	299.00m	600m	195n	850n	130n	1.50
560	56u	406m	330m	403m	380m	332.00m	558m	208n	750n	157n	1.40
680	68u	507m	315m	507m	360m	436.00m	500m	254n	680n	182n	1.30
820	82u	717m	282m	611m	330m	514.00m	460m	273n	600n	217n	1.20
101	100u	897m	247m	754m	310m	592.00m	420m	319n	530n	260n	1.00
151	150u	1.17	216m	754m	260m	878.00m	380m	501n	400n	455n	790m
221	220u	1.56	185m	1.12	210m	1.50	320m	813n	330n	611n	650m
271	270u	1.96	168m	1.69	180m	1.69	290m	904n	300n	776n	600m
331	330u	2.44	150m	2.25	170m	1.95	260m	1.01	270n	884n	540m

※ 测试条件:  $L \leq 8.2\mu\text{H}$  测试频率 100kHz / 0.25V, (N±30%);

$L > 8.2\mu\text{H}$  测试频率 1kHz / 0.25V, (M±20%);

※ 测试仪表: HP4291B, 502BC, CH1062.